

NOTICE OF DRAFTPERSON'S
PATENT DRAWING REVIEWThe drawing filed (insert date) 11/28/97 are:A not objected to by the Draftperson under 37 CFR 1.84 or 1.152.B objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, correct³ drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

 Black ink. Color. Color drawing are not acceptable until petition is granted. Fig(s) _____ Pencil and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b):

 Photographs are not acceptable until petition is granted. 3 full-tone sets are required. Fig(s) _____ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e):

 Paper not flexible, strong, white and durable. Fig(s) _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin) Mylar, vellum paper is not acceptable (too thin). Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:

 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawings sheets not the same size. Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) 2 Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h):

 REMINDER: Specification may require revision to correspond to drawing changes. Views connected by projection lines or lead lines. Fig(s) _____

Partial views. 37 CFR 1.84(h)(2):

 Brackets needed to show figure as one entity. Fig(s) _____ Views not labeled separately or properly. Fig(s) _____ Enlarged view not labeled separately or properly. Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3):

 Hatching not indicated for several portions of an object Fig(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(h):

 Words do not appear in the usual, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____ Views not on the same plane on drawing sheet. Fig(s) _____

9. SCALE. 37 CFR 1.84(h):

 Scale not large enough to show mechanism without crowding when drawing is reduced to one to two-thirds in reproduction Fig(s) _____

10. CHARACTER OF LINES, NUMBERS & LETTERS. 37 CFR 1.84(h):

 Lines, numbers & letters not uniformly thick and well defined, clean, durable and of good printing quality. Fig(s) A4

11. SHADING. 37 CFR 1.84(h):

 Solid black areas. Fig(s) _____ Shaded or shaded patterns. Fig(s) _____ Shading is pale, light or faded. Fig(s) _____

12. NUMBERS, LETTERS, & OTHER PRINTING CHARACTERS. 37 CFR 1.84(h):

 Numbers and reference characters not plain and legible Fig(s) _____ Figure legends are not plain and legible Fig(s) _____ Numbers and reference characters not oriented in the same direction as the views. 37 CFR 1.84(h)(3) Fig(s) _____ English alphabet in use I. 37 CFR 1.84(h)(3) Fig(s) _____ Numbers, letters or reference characters must be at least 32 cm (1 1/8 inches) high. 37 CFR 1.84(h)(3) Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(h):

 Lead lines cross each other. Fig(s) _____ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(h):

 Sheets not numbered consecutively and in Arabic numerals, beginning with number 1. Fig(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(h):

 Views not numbered consecutively and in Arabic numerals, beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(h):

 Corrections not made from PTO 948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.84(h):

 Surface shading shown in a erratic. Fig(s) _____ Solid black shading. Fig(s) _____ Fig(s) _____

COMMENTS

REVIEWER DATE 08/04/98TELEPHONE NO. 713-305-6104

ATTACHMENT TO PAPER NO. _____

PTO COPY

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. I is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawing changes.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities—37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing of Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set or extended period will result in ABANDONMENT of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO 948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.